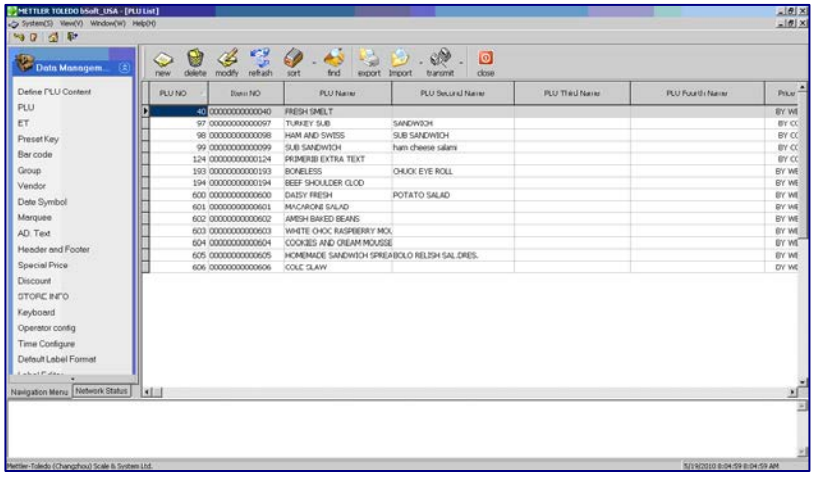


bSoft®

Software

User's Guide

64083326.R01

©Mettler-Toledo, LLC 2012

No part of this manual may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording, for any purpose without the express written permission of Mettler-Toledo, LLC

U.S. Government Restricted Rights: This documentation is furnished with Restricted Rights.

Publication Revision History

Part Number	Date	Revisions
64083326	06/10	New manual
64083326 R01	04/12	Updated new features, screen captures and precaution labels.

Trademarks

METTLER TOLEDO® and bSoft® are registered trademarks of Mettler-Toledo, LLC Columbus, OH, USA.

PRECAUTIONS

READ this manual BEFORE operating or servicing this equipment.

FOLLOW these instructions carefully.

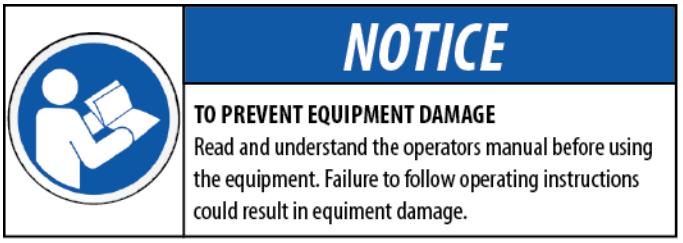
SAVE this manual for future reference.

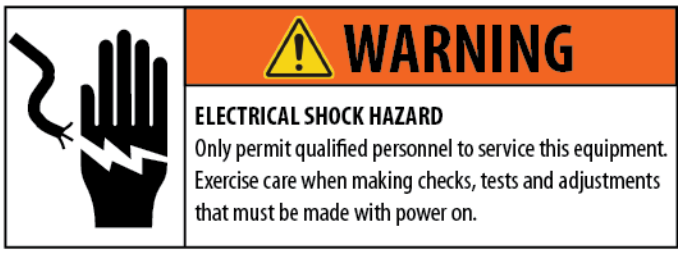
DO NOT allow untrained personnel to operate, clean, inspect, maintain, service, or tamper with this equipment.

ALWAYS DISCONNECT this equipment from the power source before cleaning or performing maintenance.

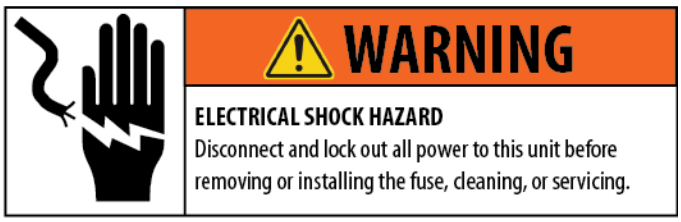
CALL METTLER TOLEDO® for parts, information, and service.

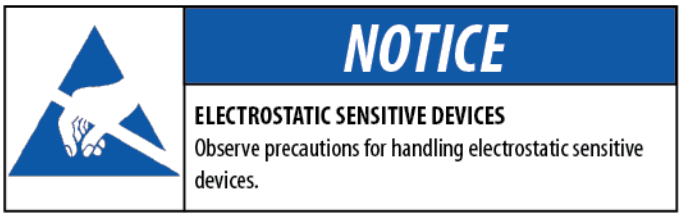
METTLER TOLEDO® reserves the right to make refinements or changes without notice.

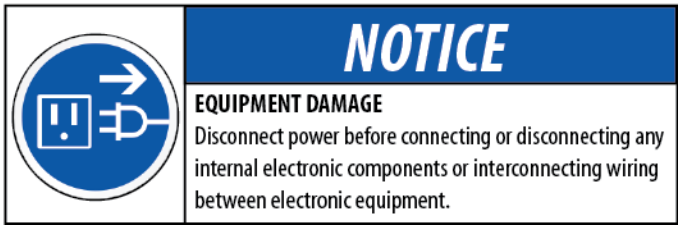

NOTICE
TO PREVENT EQUIPMENT DAMAGE
Read and understand the operators manual before using the equipment. Failure to follow operating instructions could result in equiment damage.


WARNING
ELECTRICAL SHOCK HAZARD
Only permit qualified personnel to service this equipment. Exercise care when making checks, tests and adjustments that must be made with power on.

WARNING
ELECTRICAL SHOCK HAZARD
Connect to a properly grounded outlet only. Do not remove the ground prong. Power outlets must be easily accessible and located no further than the length of the power cord supplied with the product.


WARNING
ELECTRICAL SHOCK HAZARD
Disconnect and lock out all power to this unit before removing or installing the fuse, cleaning, or servicing.




NOTICE
EQUIPMENT DAMAGE
Disconnect power before connecting or disconnecting any internal electronic components or interconnecting wiring between electronic equipment.

CONTENTS

bSoft User's Guide 1
- **Overview** 1
- **Installation and Login** 2
- **The Main Screen** 4
- **The Navigation Menu** 5
  - Define PLU Content 6
  - PLU 7
  - ET 9
  - Presets 10
  - Barcode 12
  - Marquee 12
  - AD Text 13
  - Store Info 13
  - Keyboard 14
  - Operator Config 14
  - Time Configure 15
  - Default Label Format 15
  - Label Editor (bLabel) 16
  - Clone Scale Data 17
  - BMP 17
  - Special Message 18
  - COOL (Country of Origin Label) 18
  - Traceability 18
  - Trace Process Date 18
  - Supplier 18
  - NF (Nutrifact) 19
  - Quick Change Select Options 20
  - Safehandling Graphic 20
  - Region 21
- **Reports/Logs** 22
  - Upload Reports 22
  - Browse Reports 22
  - Transaction Report 22
  - Accumulator Report 23
- **Communications** 24
  - Scale Address Config 24
  - Scale Information 24
- **Password Management** 26
  - PC Software Password Management 26
  - Clear Passwords 26

METTLER TOLEDO

For your notes

bSoft User's Guide

Overview

The bSoft program is Mettler-Toledo's solution to manage your bPro scale's databases. Allowing for quick and intuitive PC-based access to all the information the scale can use, the bSoft program enables a user to design and upload large amounts of PLU data without having to spend hours at the unit's keypad.

With the ability to assign level-one and level-two preset keys, add or modify graphics, extra text, Nutrifacts or COOL data, an experienced user will find the bSoft program to be an indispensable part of his or her business toolkit.

Installation and Login

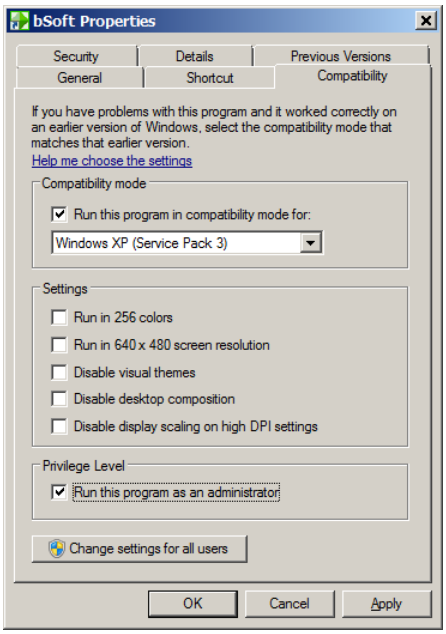
As of version 1.03, bSoft has a proprietary installer that will walk the user through any necessary steps in getting the program up and running on the system.

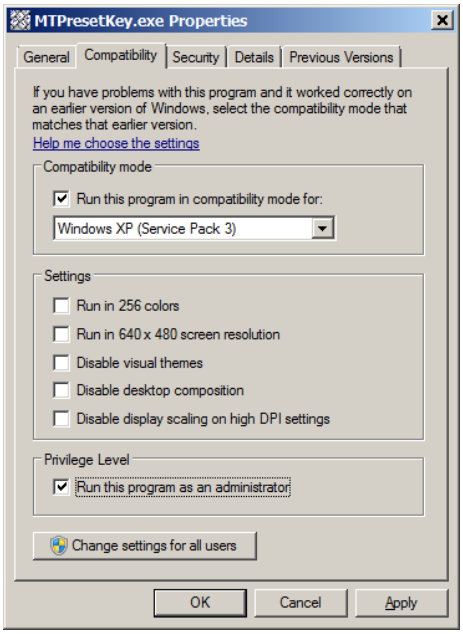
Windows 7 Compatibility: If running Windows 7, compatibility settings may need to be changed for bSoft and Preset Editor.

bSoft settings: Right-click on the bSoft icon and select Properties. Go to the compatibility tab and make sure the box for Compatibility Mode is checked and the drop down option is set to "Windows XP (Service Pack 3)"

Also, make sure the box under Privilege Level (Run this program as an administrator) is checked. Click apply and OK.

Preset Editor settings: Go to the location of the bSoft folder on the computer. Open the MTPresetKey folder and right-click on the "MTPresetKey.exe" icon. Select Properties and click on the Compatibility tab. Select the same compatibility settings as described above.


bSoft Properties
Security
Details
Previous Versions
General
Shortcut
Compatibility
If you have problems with this program and it worked correctly on an earlier version of Windows, select the compatibility mode that matches that earlier version.
Help me choose the settings
Compatibility mode
Run this program in compatibility mode for:
Windows XP (Service Pack 3)
Settings
Run in 256 colors
Run in 640 x 480 screen resolution
Disable visual themes
Disable desktop composition
Disable display scaling on high DPI settings
Privilege Level
Run this program as an administrator
Change settings for all users
OK
Cancel
Apply


MTPresetKey.exe Properties
General
Compatibility
Security
Details
Previous Versions
If you have problems with this program and it worked correctly on an earlier version of Windows, select the compatibility mode that matches that earlier version.
Help me choose the settings
Compatibility mode
Run this program in compatibility mode for:
Windows XP (Service Pack 3)
Settings
Run in 256 colors
Run in 640 x 480 screen resolution
Disable visual themes
Disable desktop composition
Disable display scaling on high DPI settings
Privilege Level
Run this program as an administrator
Change settings for all users
OK
Cancel
Apply

Note: Microsoft.NET is required for Preset Editor in both Windows XP and Windows 7.

Upgrading from version 1.05 and before, the following data types will be lost, these data types should be backed up prior to upgrading bSoft or retrieve these data types from a scale should they be lost.

- Barcode
- Store Info
- Keyboard
- Operator Config
- Default Label Formats
- BMP
- Special Message
- COOL Text
- Quick Change Options

To ensure that you do not lose any data, make a copy of your current bSoft program before upgrading to v1.03. Save this data in a new folder somewhere outside the directory where the program was originally installed.

Scenario A:

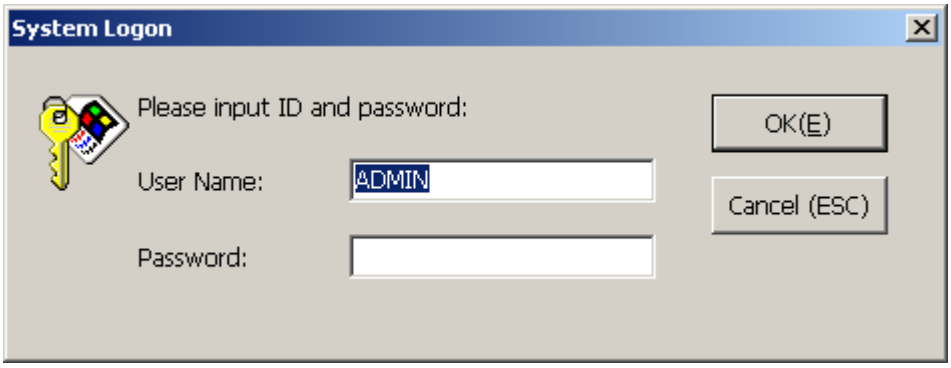
1.) If this is the first time the bSoft program has been installed, it will give a default data.mdb file without any actual data in it.

Scenario B:

1.) If bSoft is already installed, after clicking the New Installation package, it will ask permission to remove the previous version first, but it will not remove the current/original data.mdb file. Data will not be lost as a result of the fresh install.

2.) Version 1.08 and later automatically checks the database version and will prompt if an update to the database is required. If the prompt appears, allow the update.

Assuming the installation completed properly, a LOGIN window will appear (below).

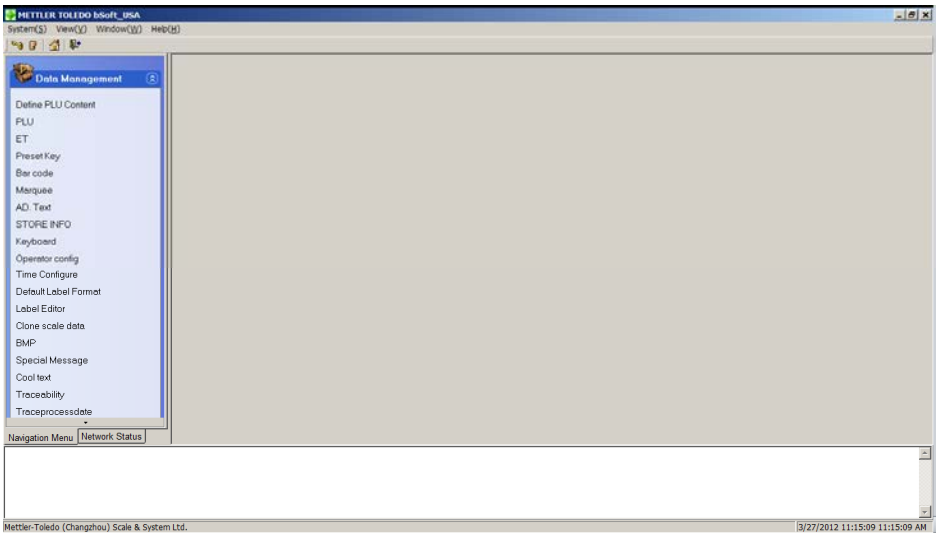


Upon the initial loading of the program, there is no password, press the OK button to progress to the initial screen.

The following section will detail how to change the password.

The Main Screen

Once bSoft opens, the user will be presented with the below screen.



In the upper left-hand corner of the screen there are a series of toolbar buttons (figure).

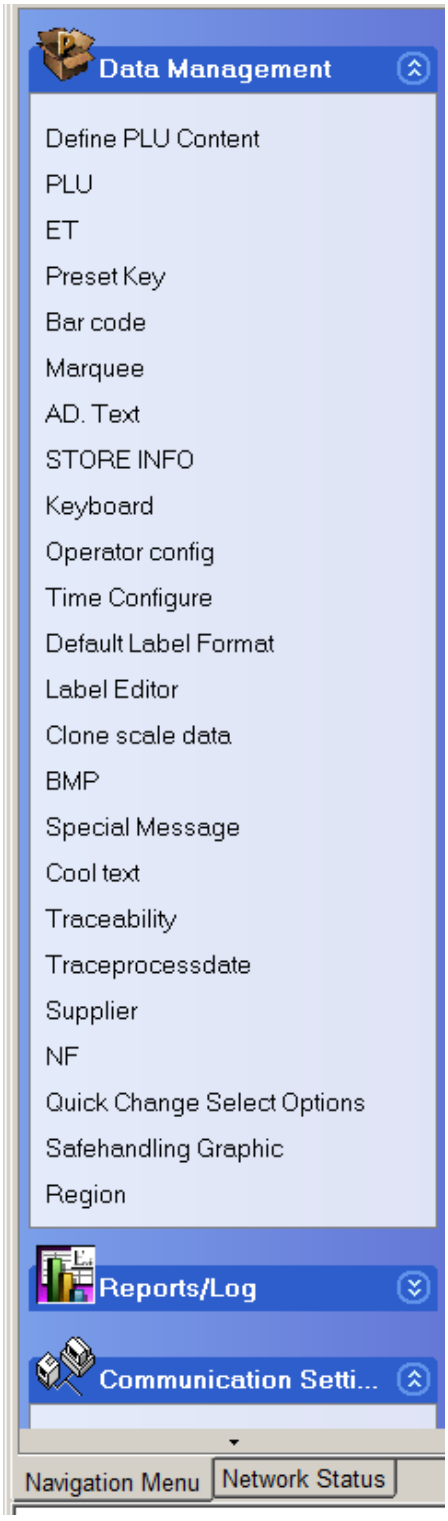
Pressing them does the following –

- **KEY** – change password. Type in the old password and then type the new password twice.
- **SMILEY FACE** – logs the user out of the program.
- **HOUSE** – brings up version information about bSoft in a separate window.
- **EXIT DOOR** – closes the bSoft program.

The menus along the top of the window (System, View, Window and Help) contain the commands described in the toolbar buttons as well as other functions described below.

- **System** – contains the change password command as well as the logout/change user command and a **Close** command for the program.
- **View** – allows the user to toggle whether or not the different parts of the bSoft interface are visible. They are the Toolbar, Navigation Menu, Network Status, Windows Log and Status Bar. Checking them makes them visible; unchecking them makes them go away.
- **Window** – toggles the window layout within the bSoft program. User may choose between cascade (typical), horizontal arrangement or a vertical arrangement. The program can also be **Minimized** or closed from this menu.
- **Help** – contains the **Help** and **About** links.

The Navigation Menu

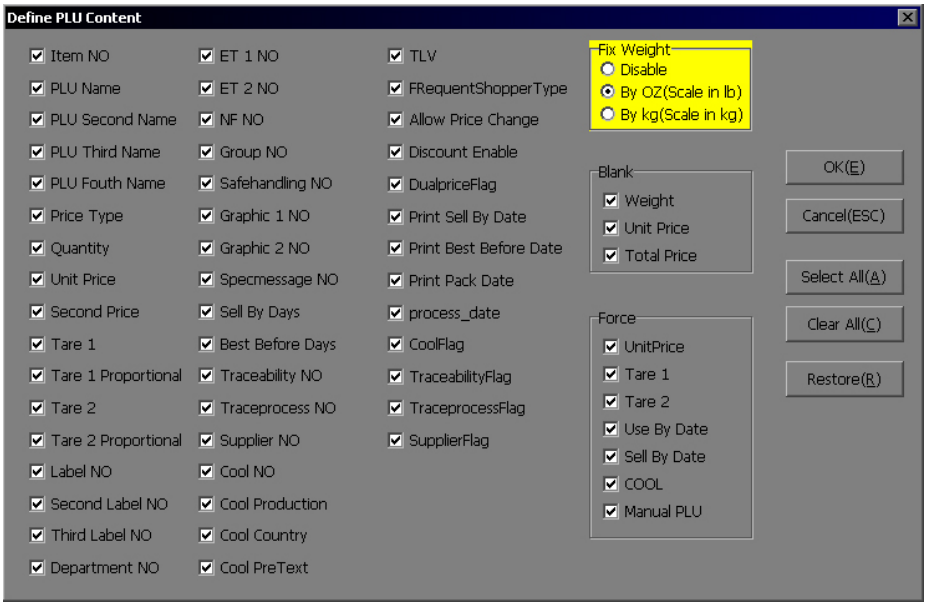


The bSoft program basically revolves around the use of the **Navigation Menu** to sort through the different PLU parameters and determine the specifics of what goes where. With its specific sections available with a single mouse-click, it is very intuitive to sort through and allows for very fast and precise changes to be made to the different PLUs.

Define PLU Content

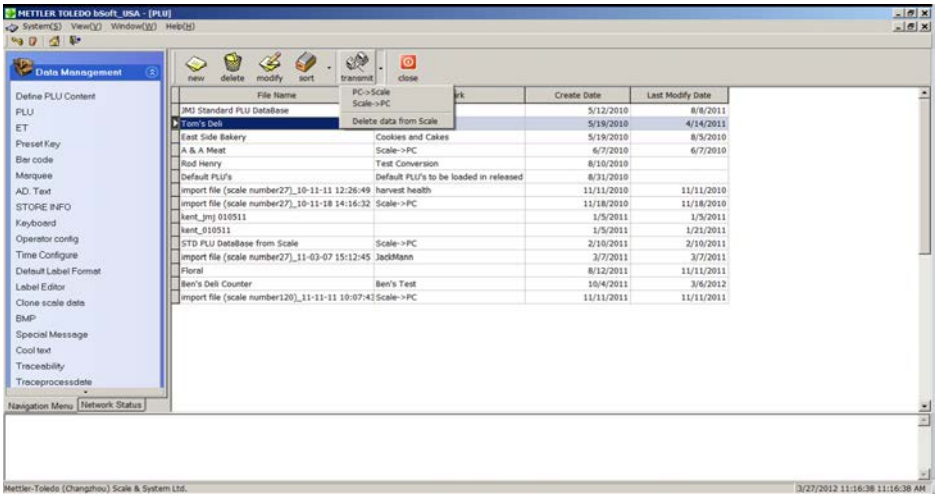
This menu allows the user to determine what information will be involved in the unit's PLUs. If a box is checked, that particular information will be available for population in all available PLU entries.

The Restore function will reset all the boxes to their factory default setting.

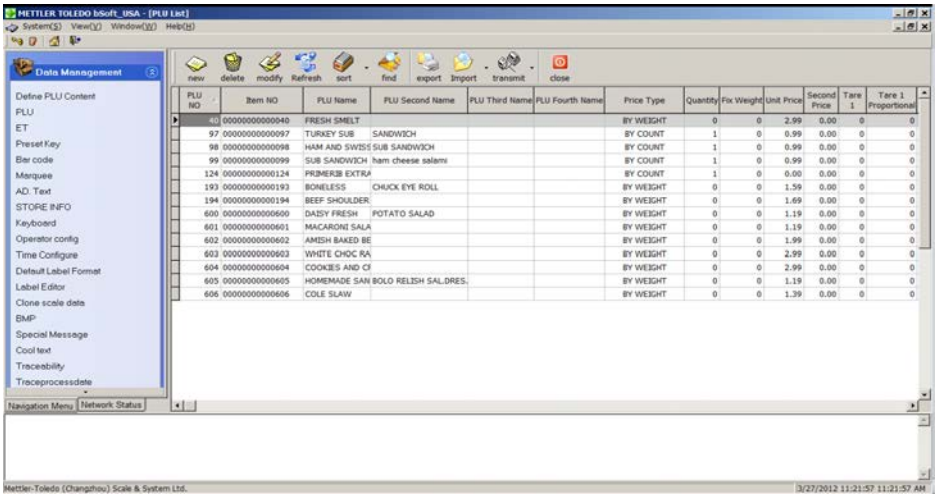


PLU

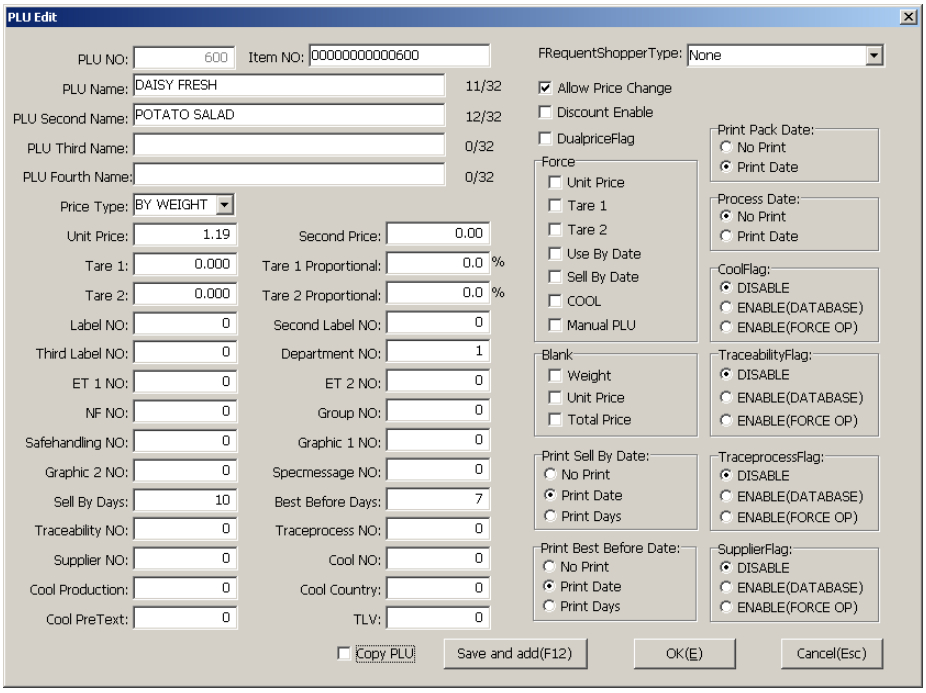
This menu shows all PLU files with options for adding new files, deletion of existing files, modifying file names, sorting files by various parameters and transmitting file data to and from the scale.



Double click a PLU file name to edit the PLU record. The initial screen displays all of the PLU records in a spreadsheet form for easy viewing. Each cell can be edited using the cursor to select and the keyboard to type in data. On this screen, scroll the lower bar to the right to see all of the fields listed head-to-tail.

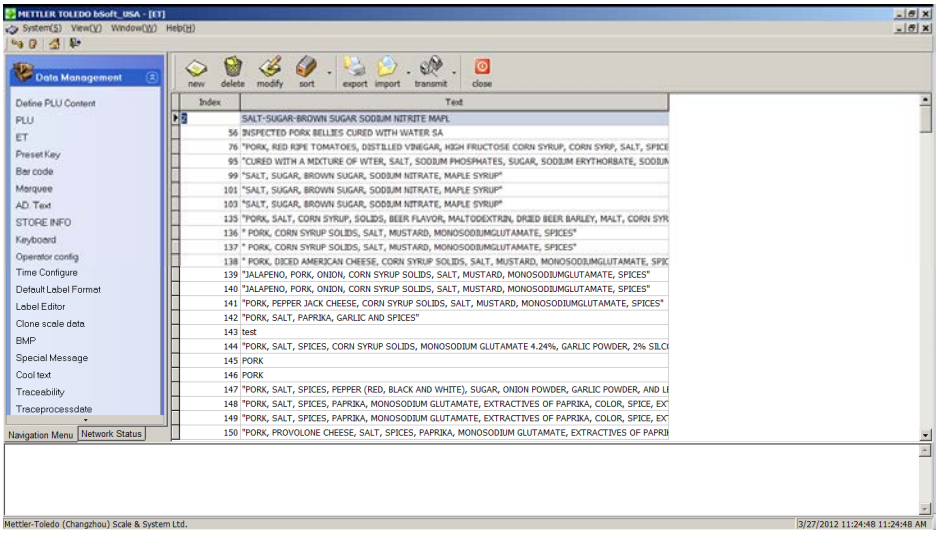

METTLER TOLEDO bSoft_USA - [PLU List]
System(S) View(V) Window(W) Help(H)
Data Management
Define PLU Content
PLU
ET
Preset Key
Bar code
Marquee
AD. Text
STORE INFO
Keyboard
Operator config
Time Configure
Default Label Format
Label Editor
Clone scale data
BMP
Special Message
Cool text
Traceability
Traceprocessdate
Navigation Menu
Network Status
new
delete
modify
Refresh
sort
find
export
Import
transmit
close
PLU NO
Item NO
PLU Name
PLU Second Name
PLU Third Name
PLU Fourth Name
Price Type
Quantity
Fix Weight
Unit Price
Second Price
Tare 1
Tare 1 Proportional
40 00000000000040 FRESH SMELT BY WEIGHT 0 0 2.99 0.00 0 0
97 00000000000097 TURKEY SUB SANDWICH BY COUNT 1 0 0.99 0.00 0 0
98 00000000000098 HAM AND SWISS SUB SANDWICH BY COUNT 1 0 0.99 0.00 0 0
99 00000000000099 SUB SANDWICH ham cheese salami BY COUNT 1 0 0.99 0.00 0 0
124 00000000000124 PRIMERIB EXTRA BY COUNT 1 0 0.00 0.00 0 0
193 00000000000193 BONELESS CHUCK EYE ROLL BY WEIGHT 0 0 1.59 0.00 0 0
194 00000000000194 BEEF SHOULDER BY WEIGHT 0 0 1.69 0.00 0 0
600 00000000000600 DAISY FRESH POTATO SALAD BY WEIGHT 0 0 1.19 0.00 0 0
601 00000000000601 MACARONI SALA BY WEIGHT 0 0 1.19 0.00 0 0
602 00000000000602 AMISH BAKED BE BY WEIGHT 0 0 1.99 0.00 0 0
603 00000000000603 WHITE CHOC RA BY WEIGHT 0 0 2.99 0.00 0 0
604 00000000000604 COOKIES AND CI BY WEIGHT 0 0 2.99 0.00 0 0
605 00000000000605 HOMEMADE SAN BOLO RELISH SAL.DRES. BY WEIGHT 0 0 1.19 0.00 0 0
606 00000000000606 COLE SLAW BY WEIGHT 0 0 1.39 0.00 0 0
Mettler-Toledo (Changzhou) Scale & System Ltd.
3/27/2012 11:21:57 11:21:57 AM

Double-clicking any of the cells will pop up a PLU Edit screen for that PLU containing all of the editable fields in a convenient format. After making changes, use the OK key or Save and Add to implement the changes. Press CANCEL to abort.

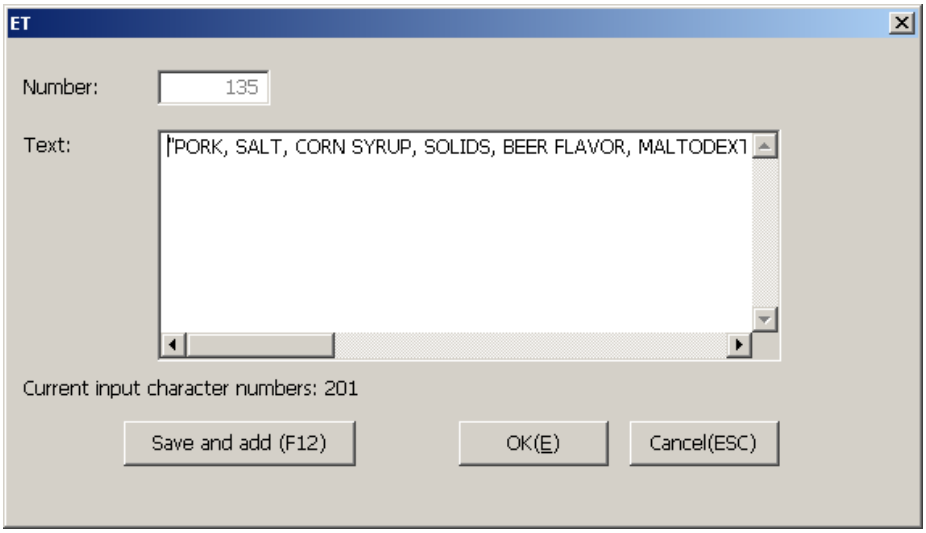


ET

Selecting this field will display all ET files as well as the options for adding a new file or deleting, modifying, sorting and transferring existing files. Double-click a particular file name to edit all ET records in the file.



Double-click a particular ET entry to edit that field.

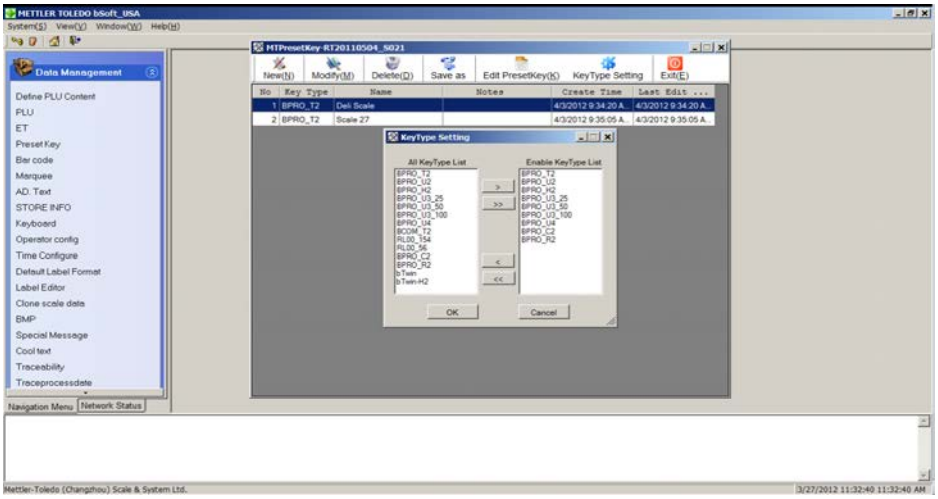


Press OK or Save and Add to implement the changes and open the editing box for the next ET entry.

Presets

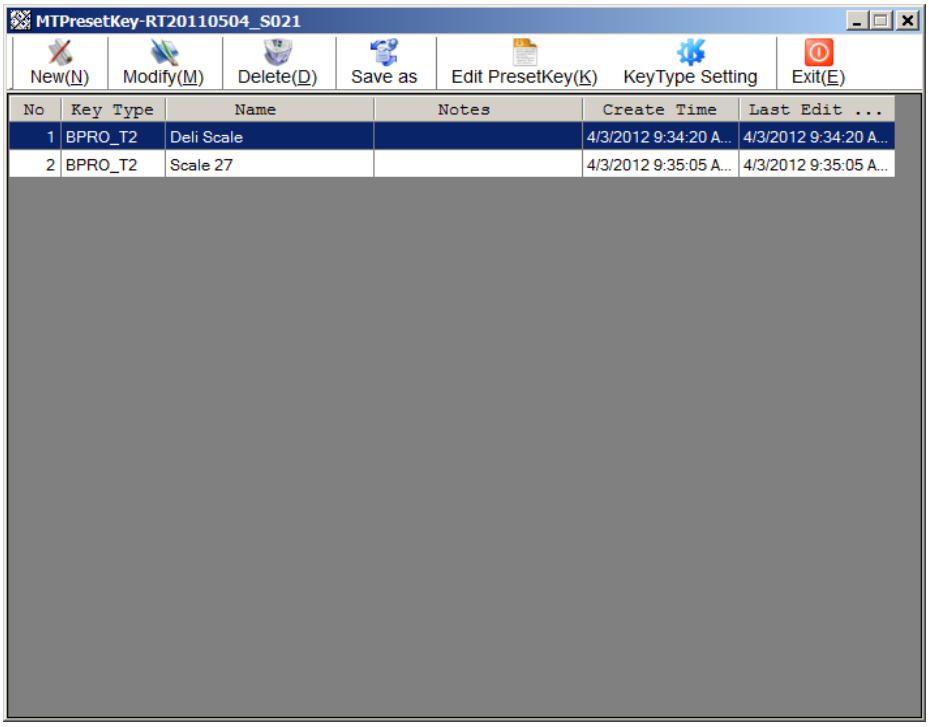
Selection of this category displays all preset files in the database as well as the options for adding a new file, deleting existing files, modifying file names or notes, editing a preset or setting the Key Types of a preset.

Key Type settings are used to select the scale type for the particular preset.



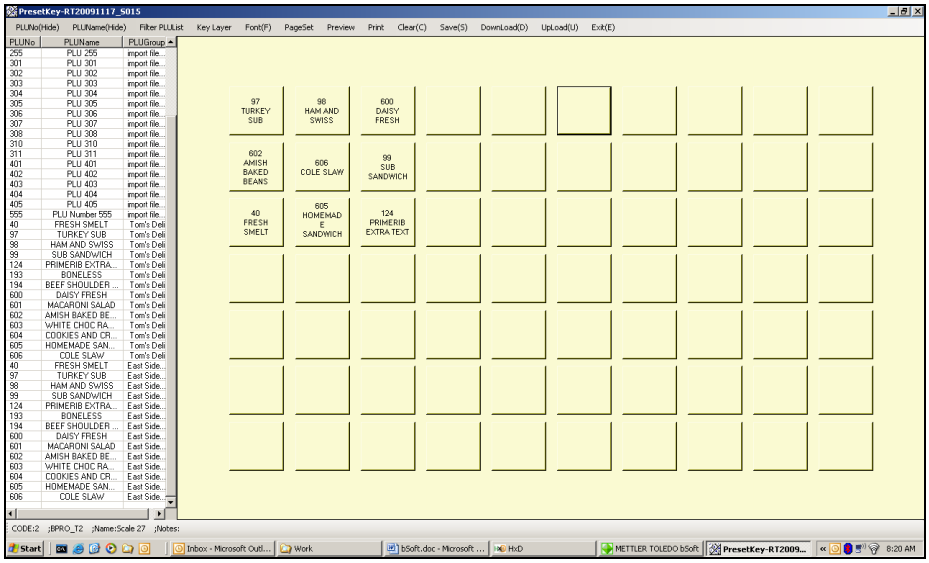
Unlike the other categories, you cannot highlight and click EDIT or double-click to open an editable window. You must select the Preset group that you would like to edit and subsequently press the "Edit Preset Key" button in the top center of the toolbar (shortcut key is 'K')

This will launch the normal PLU editing window (described below)



Preset Edit Key

Each specific preset key can be edited by clicking on the key location and entering the PLU data or by "dragging and dropping" from the PLU population list on the left.



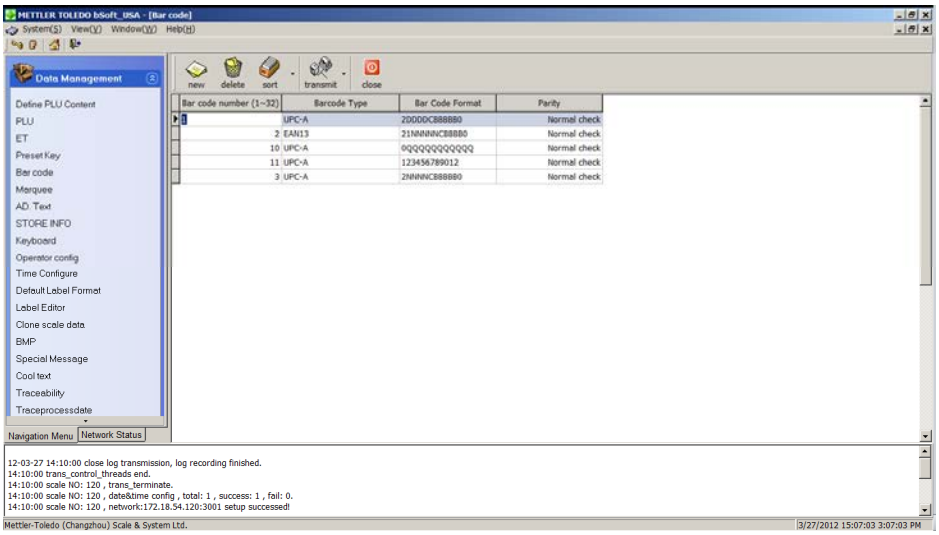
Make sure you press SAVE before exiting the screen, or your changes will be lost.

The available keys and their commands are as follows –

- **PLUNo(Hide)** – hide the PLU number on the preset key
- **PLUName(Hide)** – hides the PLU name on the preset key
- **Filter PLUList** – filter the available PLUs by PLU file
- **Key Layer** – select the first or second preset layer
- **Font(F)** – select font to be used
- **Page Set**– printer setup
- **Preview** – preview of presets to view prior to printing the preset sheet
- **Print** – print
- **Clear(C)** – clear field
- **Save(S)** – saves progress. Always save changes prior to doanloadin, printing or exiting to another menu
- **PC->Scale(D) DOWNLOAD** – send preset data to the scale
- **Scale->PC(U) UPLOAD** – retrieve preset data from the scale
- **Exit(E)** – exit

Barcode

This menu area allows the user to configure Barcodes 1 – 32.

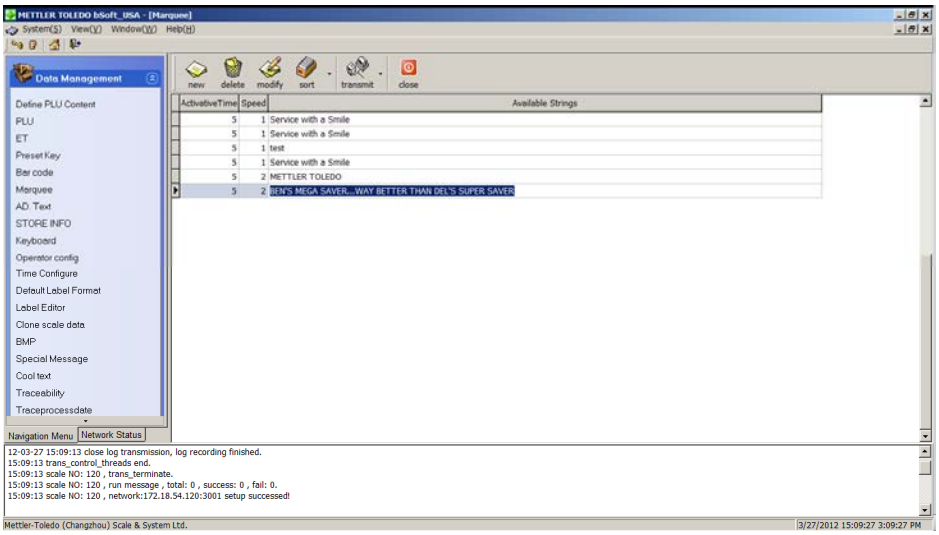


To begin, select the Barcode Type from the list. Reference the Service Manual for valid characters and then type a barcode format string that best serves your purpose.

The Parity command checks the digit type of your barcode.

Marquee

This field allows configuration of the bPro marquee.

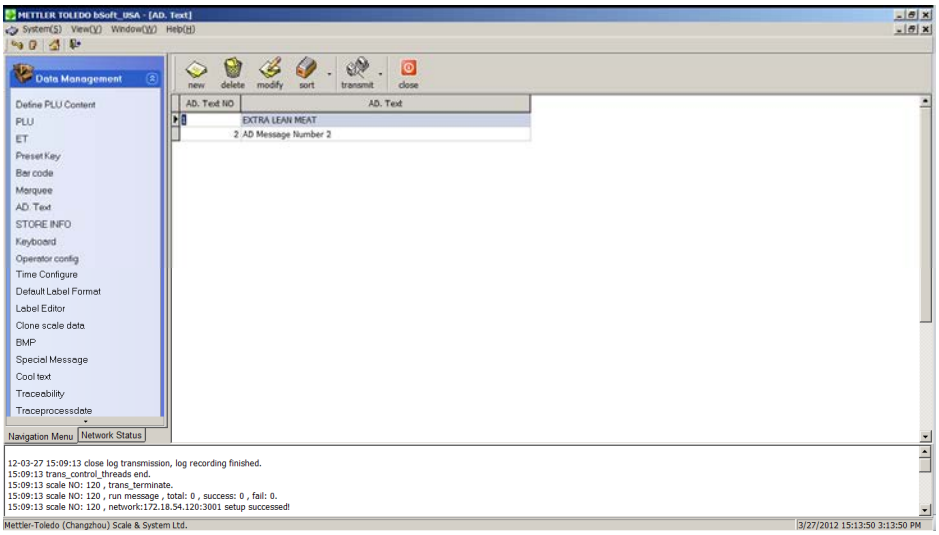


The available keys and their commands are as follows –

- **SET ACTIVATE TIME** – determines the delay between the last button press and the point at which the marquee begins
- **SPEED** – defines the scroll speed of the marquee
- **MARQUEE STRING** – this is where the user types the phrase he would like to see used as the marquee.

AD Text

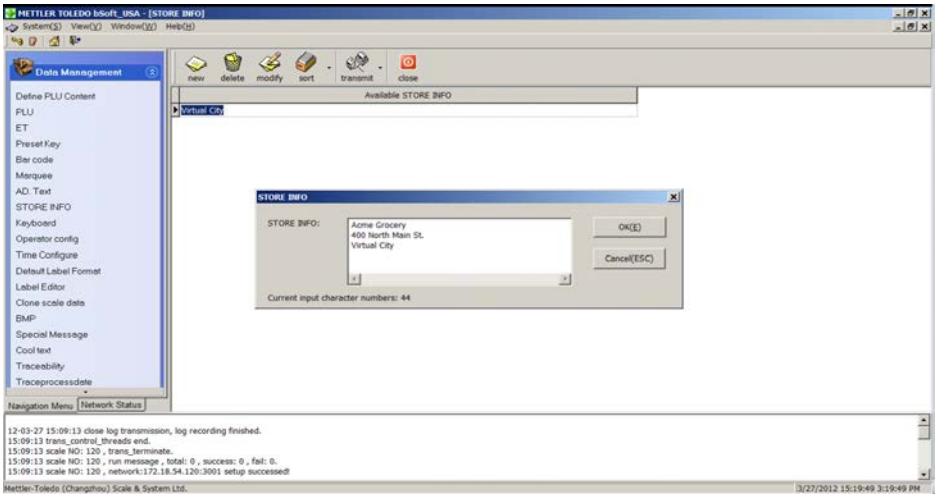
Control the advertising text that appears on your labels with this function.



- **AD NUMBER** – Label format editor bLabel can be used to add the AD Text to the label format
- **AD TEXT** – Phrasing to be printed on the label

Store Info

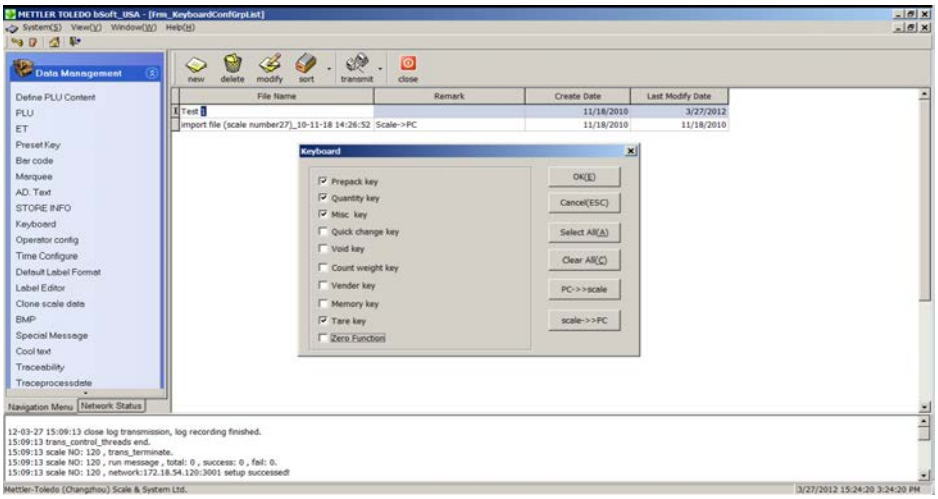
Store information text can be printed on the label in the field of the same name.



Double click on the entry you wish to change and type the information as desired.

Keyboard

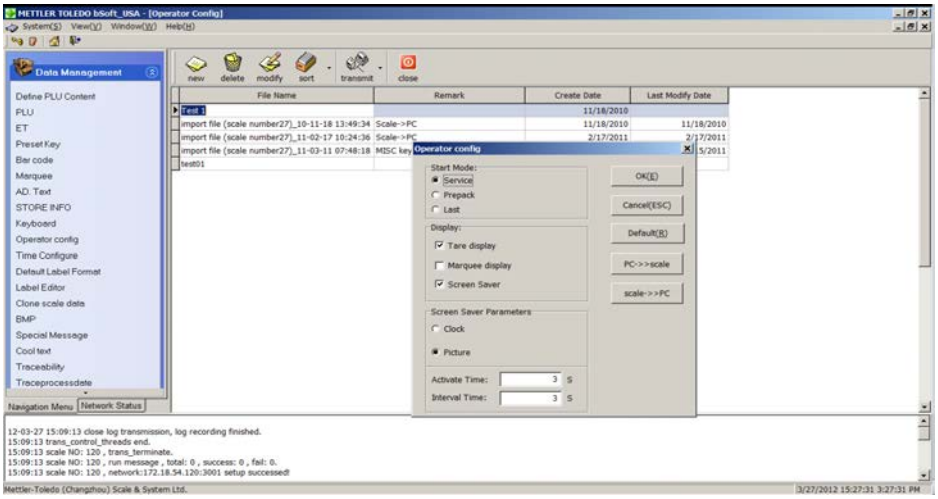
This section allows the user to configure the bPro keyboard to enable or disable keys.



Check the boxes to enable/disable.

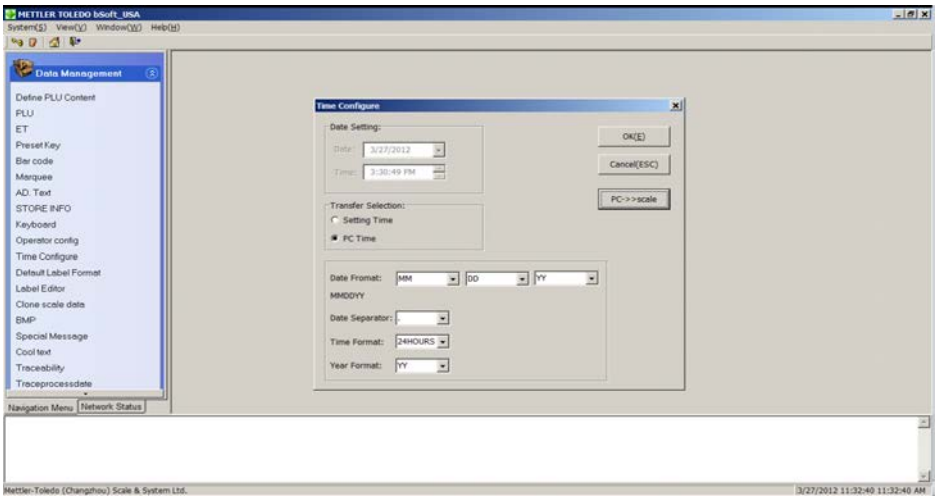
Operator Config

This section allows for setting scale configuration options for the operator.



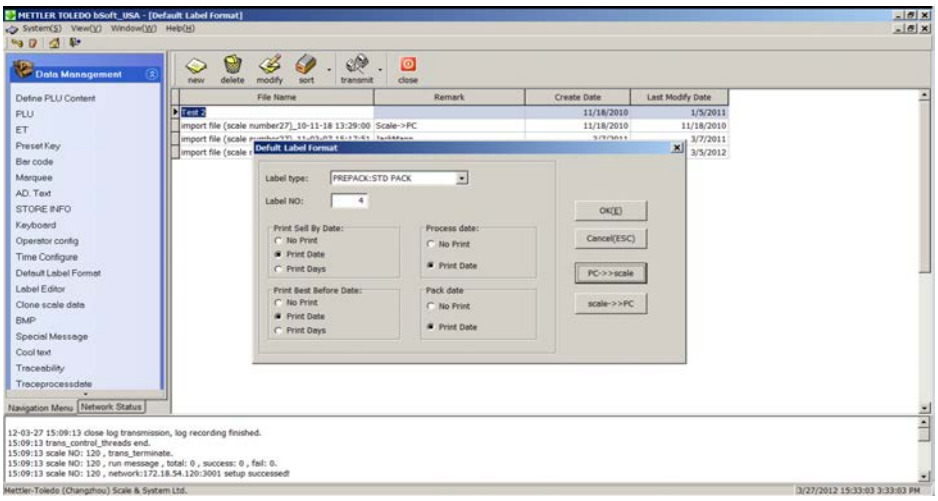
Time Configure

Used to configure the date format, date information and specific time to the scale.



Default Label Format

Configure default label format to be used when the PLU label format is zero



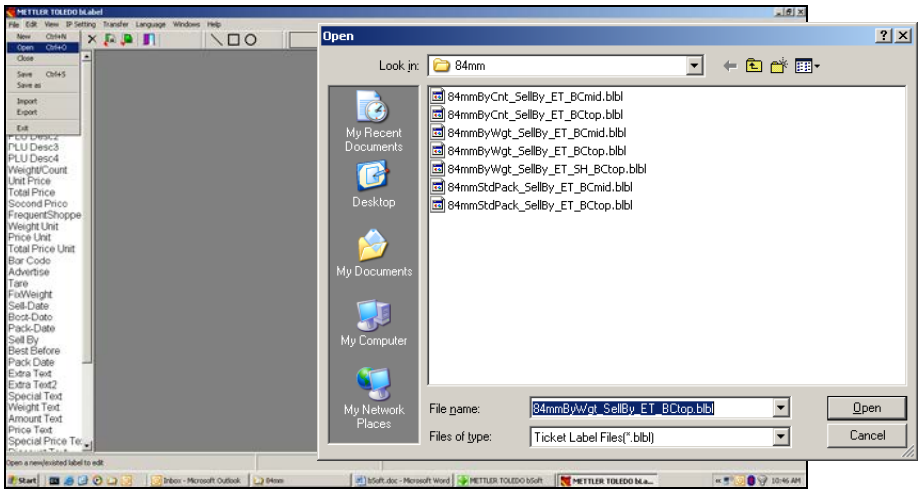
Label Editor (bLabel)

Pressing the Default Label Editor will launch bLabel – the label configuration tool for the bPro scale.

The first thing you will notice is that pressing the field brings up a new, full-sized window. This window appears as such because the labels you will be editing will be larger than they will print for precise placement and formatting of label elements.

All default label formats are in the bSoft directory structure grouped by their length. For example –

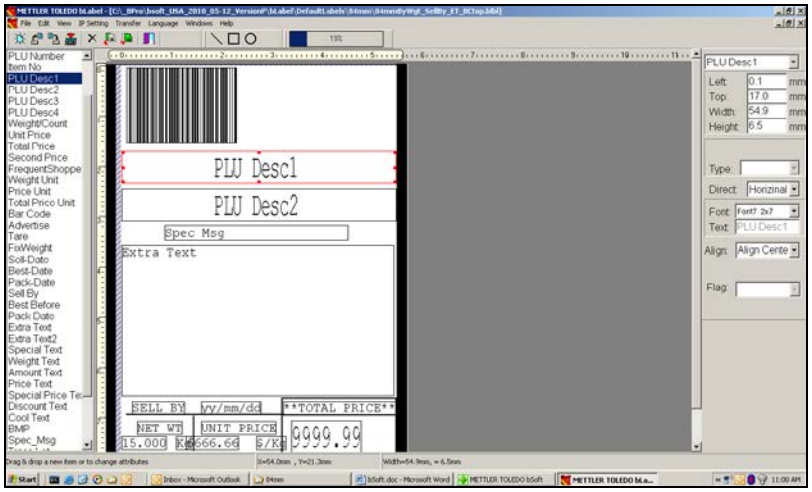
C:_BPro\bsoft_USA_2010_05-12_VersionP\bLabel\DefaultLabels**84mm**



Label sizes can be changed via the "Edit/Change Size" command.

Populate the label template by dragging items from the left-hand column onto the work area. Fields may be moved by selecting the field and dragging it to a new location. Field positions may also be changed via the entry boxes in the top right of the screen.

Different options will appear depending on which label type you are editing.



After editing a label format, send it to the scale via the Transfer icon in the upper toolbar.

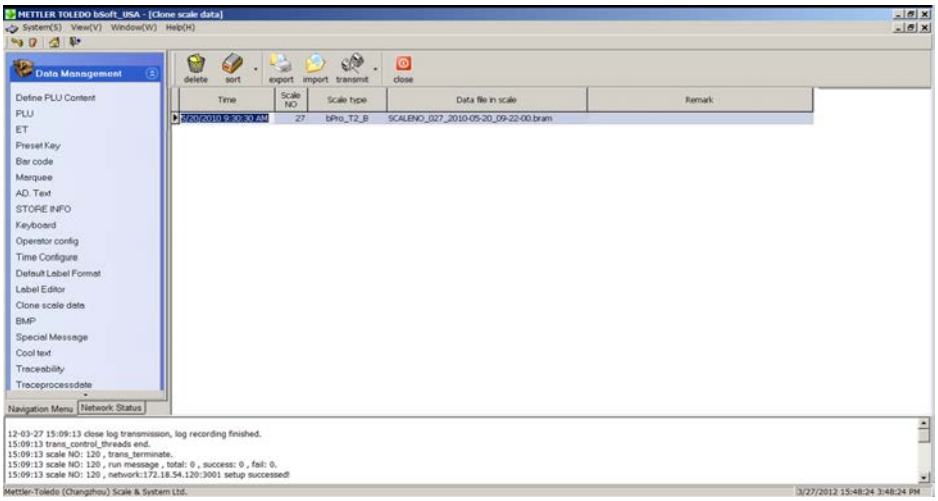
Always verify the format by printing a label from the scale after data transfer.

Clone Scale Data

WARNING! INSURE THAT BOTH SCALES IN QUESTION HAVE THE SAME TOTAL MEMORY SIZE AND MEMORY ALLOCATION PARAMETERS PRIOR TO CLONING!

Note: IP Address in the cloned scale will be identical to the IP Address in the original scale. The IP Address in the cloned scale must be changed to a unique address to avoid network issues.

This menu provides a process to copy all of a scale's configuration and database information to another scale on the network. To move clone files from PC to PC, use the Import and Export functions.

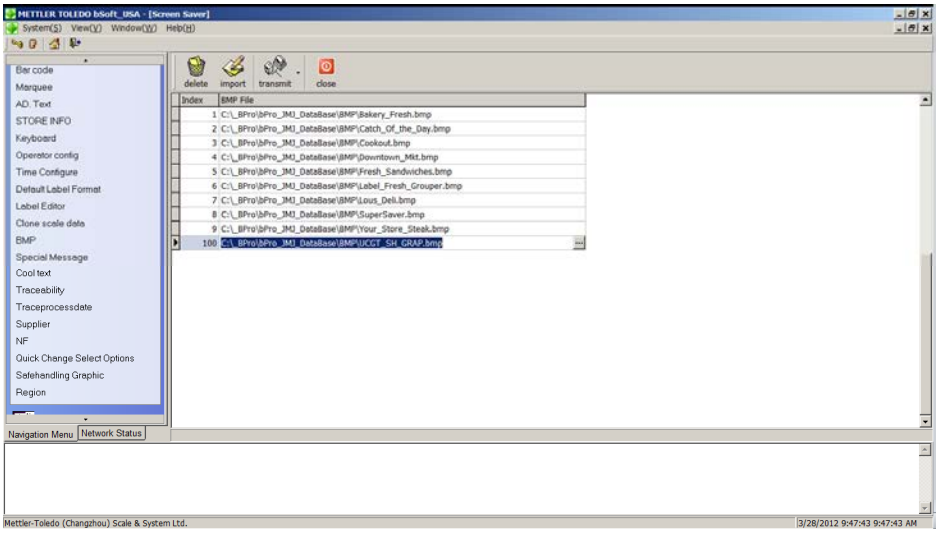


BMP

Use this function to send graphic files to the scale. These files must be **monochrome BMP** format (available through the basic **Paint** program) and they can be used for store logos, safe handling warnings or PLU linked record graphics.

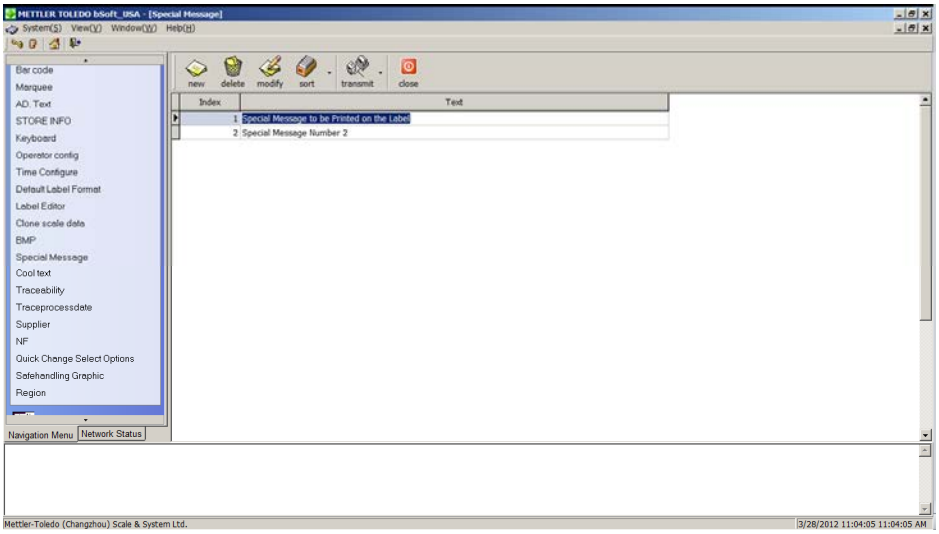
Import allows the BMP files to be uploaded to bSoft.

Transmit allows BMP files to be sent from a PC to the scale and vice versa.



Special Message

Allows you to configure the special message text that will appear on the printed label.



Tools are defined below –

- **INDEX** – label format editor bLabel can be used to add the Special Message text to the label format using this index in the PLU record
- **TEXT** – phrase to be printed on the label

COOL (Country of Origin Label)

Configures the COOL text the user would like printed on the label.

Tools are defined below –

- **INDEX** – label format editor bLabel can be used to add the COOL text to the label format using this index in the PLU record
- **TEXT** – phrase to be printed on the label

Traceability

Configures Traceability text to be printed on the label. Functions exactly like COOL.

Trace Process Date

Configures Trace Process Date to be printed on the label. Functions exactly like COOL.

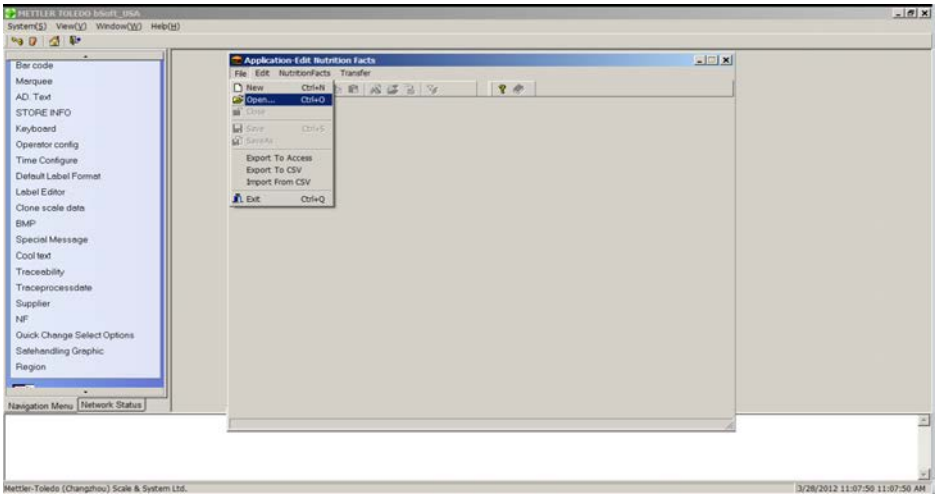
Supplier

Configures Supplier to be printed on the label. Functions exactly like COOL.

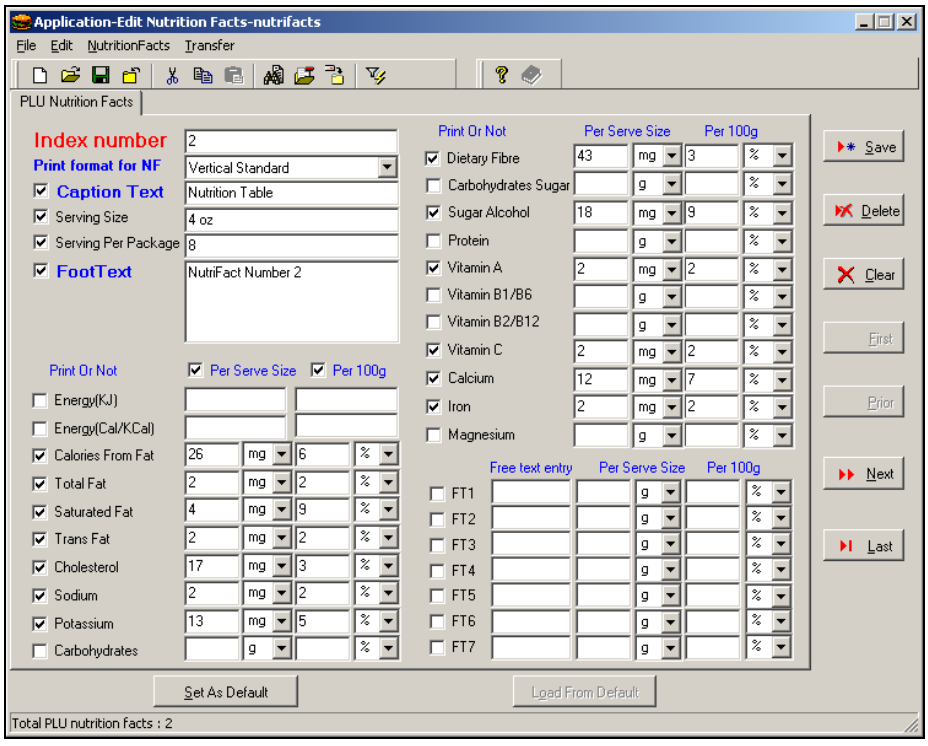
NF (Nutrifact)

This is the **Nutrifact** editor. Open an existing Nutrifact file and make edits as necessary. Example –

C:_BPro\bsoft_USA_2010_05-12_VersionP\NutriFact\Sample_NutriFact.nfd



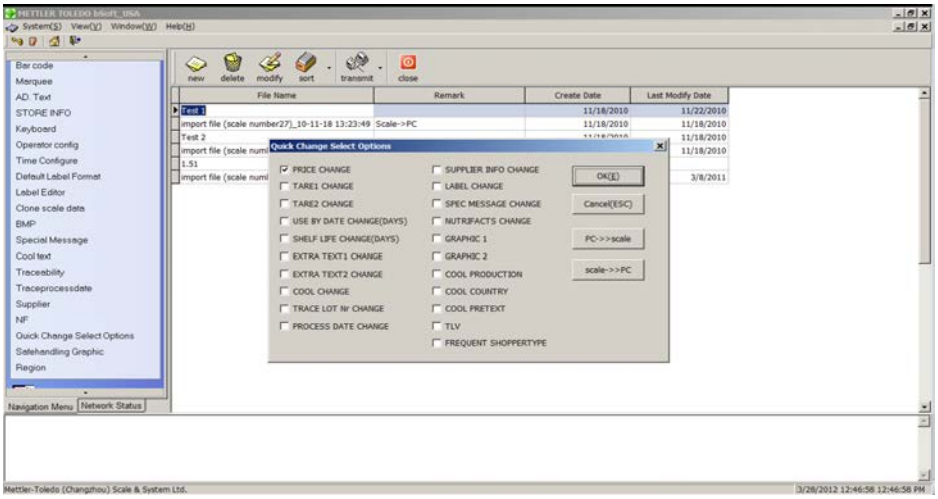
You may add new records by changing the **Index Number**, editing the values and pressing the **Save** key.


Application-Edit Nutrition Facts-nutrifacts
File Edit NutritionFacts Transfer
PLU Nutrition Facts
Index number 2
Print format for NF Vertical Standard
Caption Text Nutrition Table
Serving Size 4 oz
Serving Per Package 8
FootText NutriFact Number 2
Print Or Not Per Serve Size Per 100g
Energy(KJ)
Energy(Cal/KCal)
Calories From Fat 26 mg 6 %
Total Fat 2 mg 2 %
Saturated Fat 4 mg 9 %
Trans Fat 2 mg 2 %
Cholesterol 17 mg 3 %
Sodium 2 mg 2 %
Potassium 13 mg 5 %
Carbohydrates g %
Print Or Not Per Serve Size Per 100g
Dietary Fibre 43 mg 3 %
Carbohydrates Sugar g %
Sugar Alcohol 18 mg 9 %
Protein g %
Vitamin A 2 mg 2 %
Vitamin B1/B6 g %
Vitamin B2/B12 g %
Vitamin C 2 mg 2 %
Calcium 12 mg 7 %
Iron 2 mg 2 %
Magnesium g %
Free text entry Per Serve Size Per 100g
FT1 FT2 FT3 FT4 FT5 FT6 FT7 g %
Save
Delete
Clear
First
Prior
Next
Last
Set As Default
Load From Default
Total PLU nutrition facts : 2

Information is sent to the scale by way of the Transfer key.

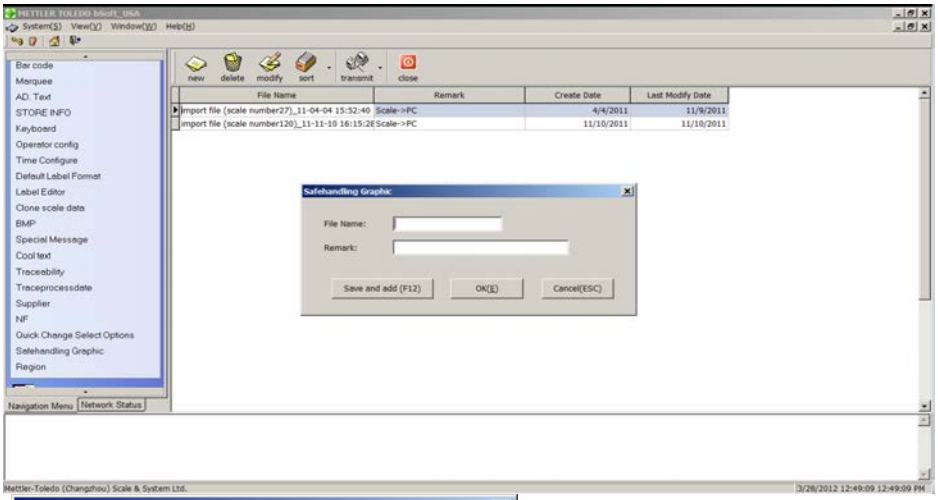
Quick Change Select Options

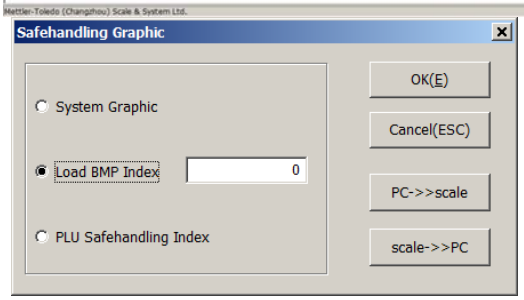
This menu allows you to decide which items will be available via the **Quick Change** menu.



Safehandling Graphic

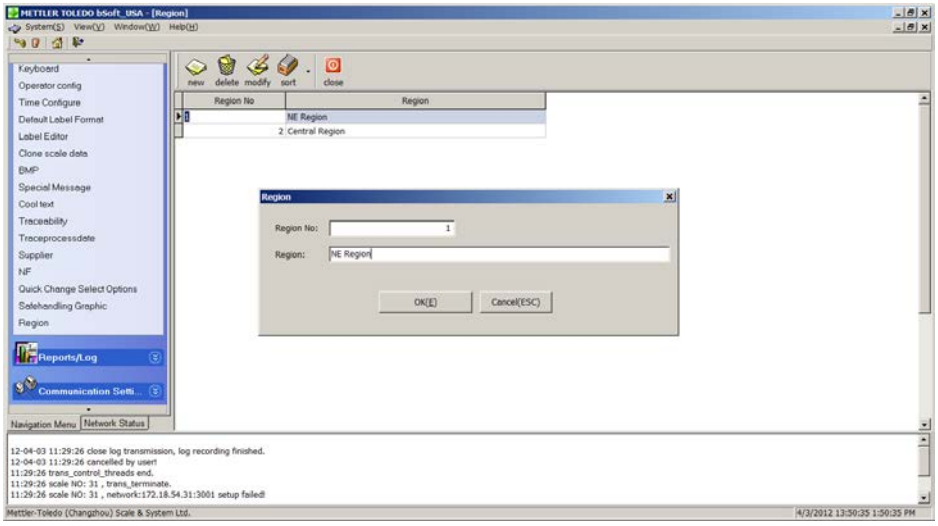
A Safe handling graphic can be assigned from the system graphic (Default), BMP index (scale dependant) or PLU Safehandling Index (PLU dependant).





Region

Regions can be set up with a number and description to manage the transmission of data to and from the scales in that region.



Reports/Logs

This section of the bSoft program allows the user to view and manage reports from the individual scales in its network.

Upload Reports

This allows uploading of reports to bSoft.

Browse Reports

Browse and view reports after uploading to bSoft.

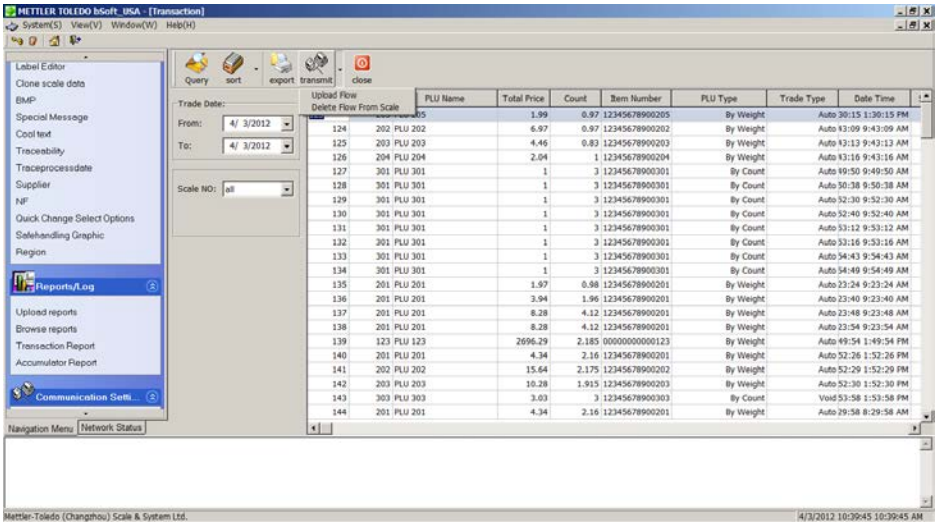
Transaction Report

This cascade enables the user to view all of the transactions for a particular scale.

Use the **Update Flow** function to receive current transactions from the scale.

Use **Delete Flow from Scale** to clear the scale's transaction queue.

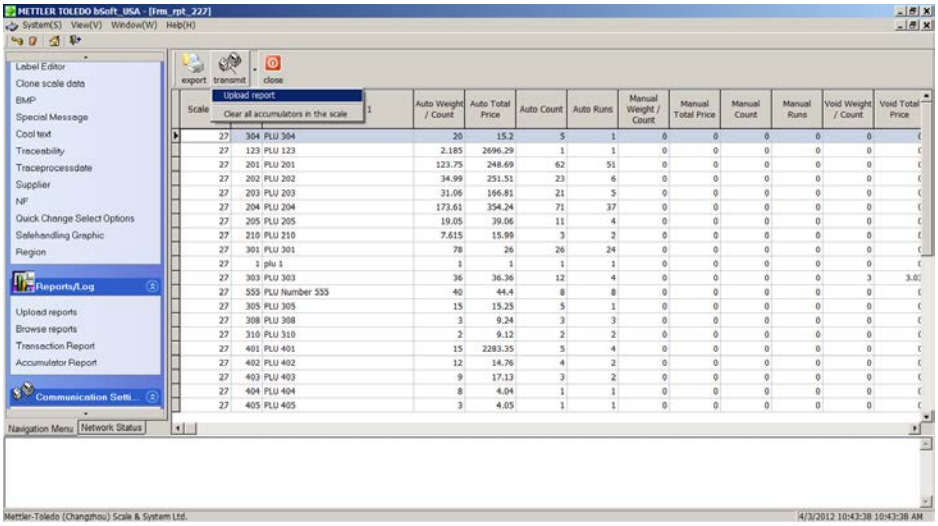
NOTE: the scale number field should match the scale's actual number.



Accumulator Report

This cascade enables the user to view a report of all PLUs with accumulator data. Each PLU has accumulators for Auto Transactions, Manual Transactions and Void Transactions.

There are two transmission options: **Upload Report** and **Clear Accumulators** in Scale.

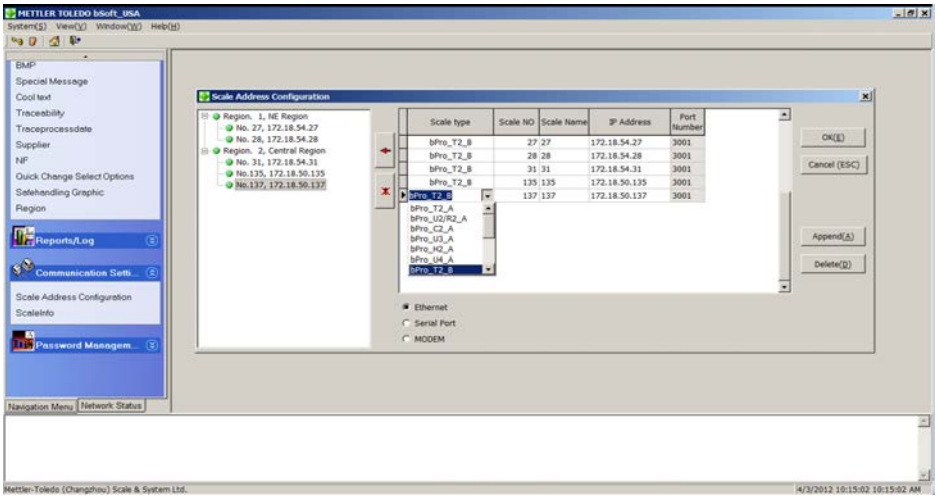

METTLER TOLEDO bSoft_USA - [Frm_rpt_227]
System(S) View(V) Window(W) Help(H)
Label Editor
Clone scale data
BMP
Special Message
Cool text
Traceability
Traceprocessdate
Supplier
NF
Quick Change Select Options
Selehandling Graphic
Region
Reports/Log
Upload reports
Browse reports
Transaction Report
Accumulator Report
Communication Setti...
Navigation Menu
Network Status
export
transmit
close
Upload report
Clear all accumulators in the scale
Scale
Auto Weight / Count
Auto Total Price
Auto Count
Auto Runs
Manual Weight / Count
Manual Total Price
Manual Count
Manual Runs
Void Weight / Count
Void Total Price
27 304 PLU 304 20 15.2 5 1 0 0 0 0 0
27 123 PLU 123 2.185 2696.29 1 1 0 0 0 0 0
27 201 PLU 201 123.75 248.69 62 51 0 0 0 0 0
27 202 PLU 202 34.99 251.51 23 6 0 0 0 0 0
27 203 PLU 203 31.06 166.81 21 5 0 0 0 0 0
27 204 PLU 204 173.61 354.24 71 37 0 0 0 0 0
27 205 PLU 205 19.05 39.06 11 4 0 0 0 0 0
27 210 PLU 210 7.615 15.99 3 2 0 0 0 0 0
27 301 PLU 301 78 26 26 24 0 0 0 0 0
27 1 plu 1 1 1 1 1 0 0 0 0 0
27 303 PLU 303 36 36.36 12 4 0 0 0 0 3 3.0
27 555 PLU Number 555 40 44.4 8 8 0 0 0 0 0
27 305 PLU 305 15 15.25 5 1 0 0 0 0 0
27 308 PLU 308 3 9.24 3 3 0 0 0 0 0
27 310 PLU 310 2 9.12 2 2 0 0 0 0 0
27 401 PLU 401 15 2283.35 5 4 0 0 0 0 0
27 402 PLU 402 12 14.76 4 2 0 0 0 0 0
27 403 PLU 403 9 17.13 3 2 0 0 0 0 0
27 404 PLU 404 8 4.04 1 1 0 0 0 0 0
27 405 PLU 405 3 4.05 1 1 0 0 0 0 0
Mettler-Toledo (Changzhou) Scale & System Ltd.
4/3/2012 10:43:38 10:43:38 AM

Communications

This area of the program deals specifically with communication with and about the scale.

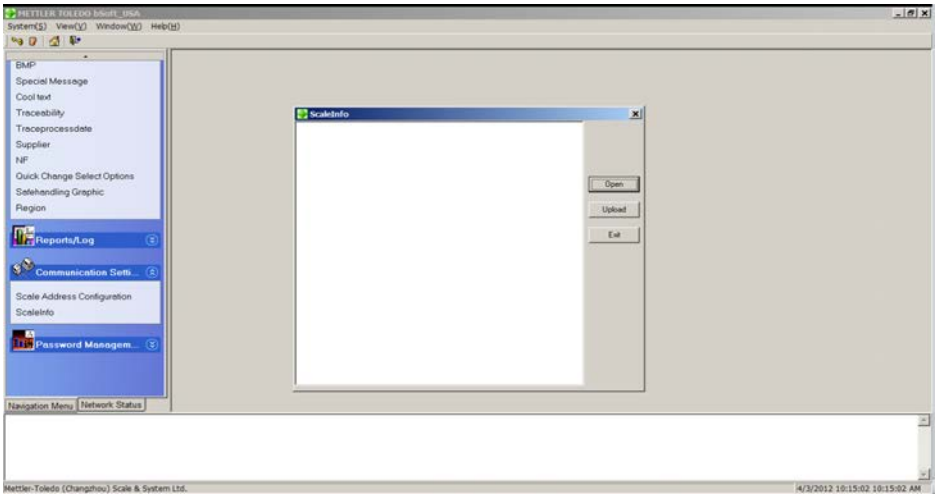
Scale Address Config

This area deals with configuration of the scale's Type, Number, Name, IP's and the Regions attached thereto.



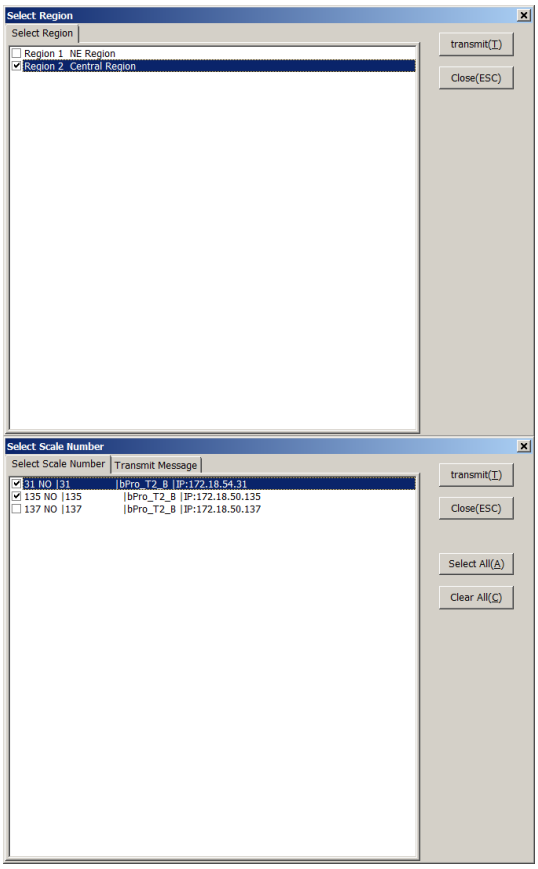
Scale Information

When you arrive at this window, you will need to press the **Upload** key to retrieve current scale information.



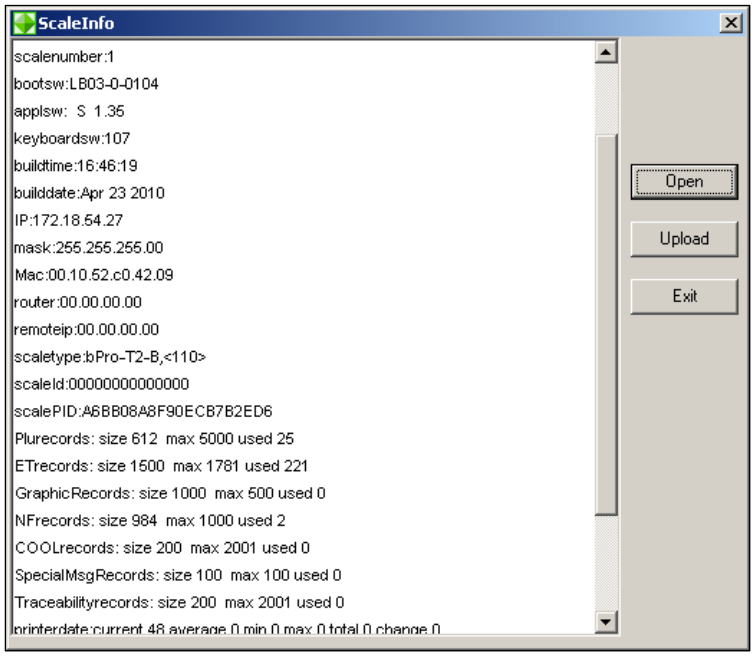
If Regions have been set up, select a region, click **Transmit**.

From there, select the scale(s) from the displayed list and click **Transmit** to retrieve its information.



Press the Open button to view scale information. Retrieved records are saved in the **ScaleInfo** directory. Example –

C:\ProgramFiles\METTLERTOLEDO\bSoft\ScaleInfo

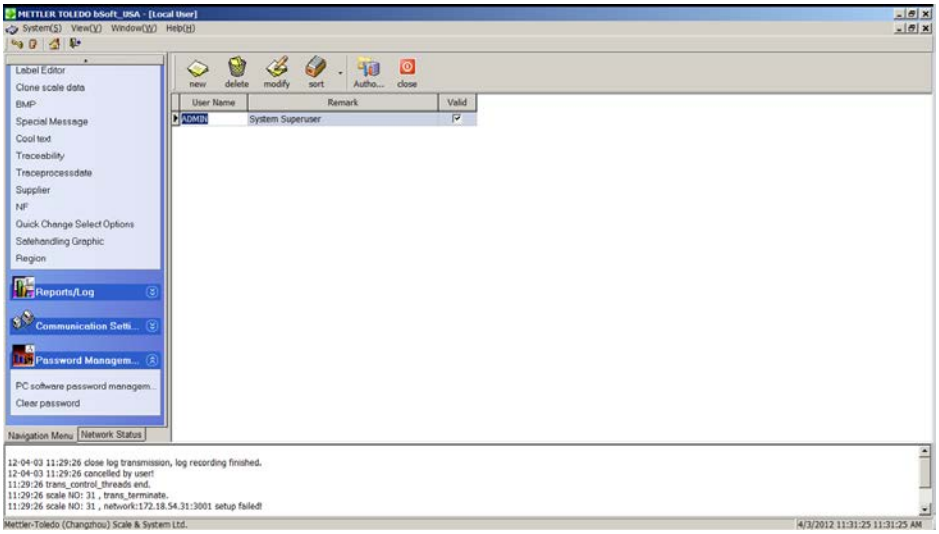


Password Management

Manage the password parameters from this section of the software.

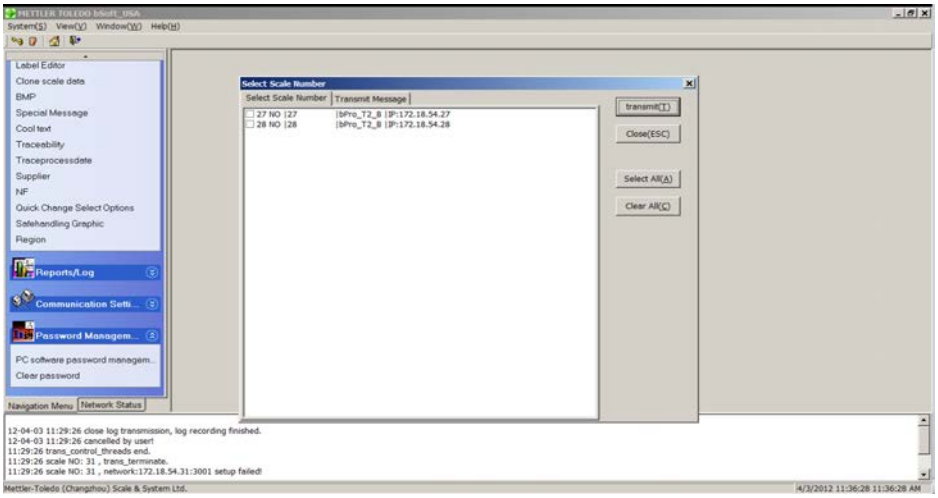
PC Software Password Management

An administrator may use this area to add users and passwords as well as modify existing passwords.



Clear Passwords

This effectively clears all passwords in the selected bPro scale.



Quality Management System certification. Development, production, and auditing in accordance with ISO9001. Environmental management system in accordance with ISO14001.

Worldwide service. Our dense service network, among the best in the world, ensures the maximum availability and lifespan of your product.

Conformité Européene. This label is your guarantee that our products conform to the latest guidelines.

On the Internet. You can find important information about our products and services, as well as our company, quickly and easily at **http://www.mt.com/support**

METTLER TOLEDO
1900 Polaris Parkway
Columbus, Ohio 43240
www.mt.com

METTLER TOLEDO® and **bSoft®** are registered trademarks of Mettler-Toledo, LLC
©2012 Mettler-Toledo, LLC
Printed in USA

64083326